

SECRET

DATE 1835Z 23 JUL 63

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ROUTINE					
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TO DIRECTOR

25X1A FROM []

ACTION: OSA 1-15

INFO: TOR 2235Z 23 JUL 63

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INFO

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WE ARE PLEASED TO PROVIDE YOU WITH THE FOLLOWING REQUESTED INFORMATION REGARDING THE NAV PANEL SELECTION SWITCH CHANGE.

1. PANEL DESIGN EFFORT - THIS IS REQUIRED TO REWORK THE PANEL WITH A SWITCH WITH TWICE THE CAPACITY. IT IS ALSO REQUIRED TO DESIGN A CONFIGURATION OF NUMBERING AROUND THE SWITCH THAT IS HUMAN ENGINEERED. CONTROL KNOBS MUST BE DESIGNED FOR TWO SWITCHES THAT ARE COMPATABLE WITH THE FUNCTION.

2. MAKE OR BUY A LIGHTING PANEL - WE WILL BUY THE LIGHTING PANEL AS WE ORIGINALLY DID, IT IS A PHOTO-ETCHING PROCESS.

3. JUSTIFY 356 HOURS DESIGN TIME - TWO MAN-MONTHS OF DESIGN TIME ESTIMATED TO REWORK PACKAGING AND WIRING IN AREA OF PANEL BEING CHANGED. DETERMINING SCHEME FOR ADEQUATE LIGHTING. COORDINATION WITH VENDOR ON DESIGNING AND BUILDING NEW LIGHTING PANEL. TESTING NEW PANEL TO PROVE ADEQUACY OF DESIGN.

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4. JUSTIFY 65 HOURS INSTALLATION OF KIT - THE OLD SWITCH MUST BE REMOVED FROM A CONGESTED AREA. THE OLD PANEL MUST BE REMOVED. NEW WIRING MUST BE ROUTED TO NEW SWITCHES THROUGH EXISTING AREA WHICH IS A HIGH DENSITY AREA. NEW PANEL MUST BE INSTALLED.

5. EXPLAIN INSPECTION ASSEMBLY AND CALIBRATION EFFORT - THIS INCLUDES WORK REQUIRED TO REASSURE THE COMPLETE OPERATION OF THE DEVICE AFTER IT IS REWORKED. ALL FUNCTIONS MUST BE CHECKED PER THE E.S. BEFORE EACH UNIT IS SHIPPED FOR INTENDED APPLICATION.

END OF MESSAGE

T O P S E C R E T